

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054207.D
 Acq On : 13 Mar 2019 13:02
 Operator : JC/SP
 Sample : K1842-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 14 05:16:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1333056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2213027	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2327042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	973246	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	726991	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
35) Dibromofluoromethane	7.59	113	692637	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
50) Toluene-d8	10.09	98	2784030	52.82	ug/l	0.00
Spiked Amount			Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.40	95	1044785	56.65	ug/l	0.00
Spiked Amount			Recovery	=	113.30%	

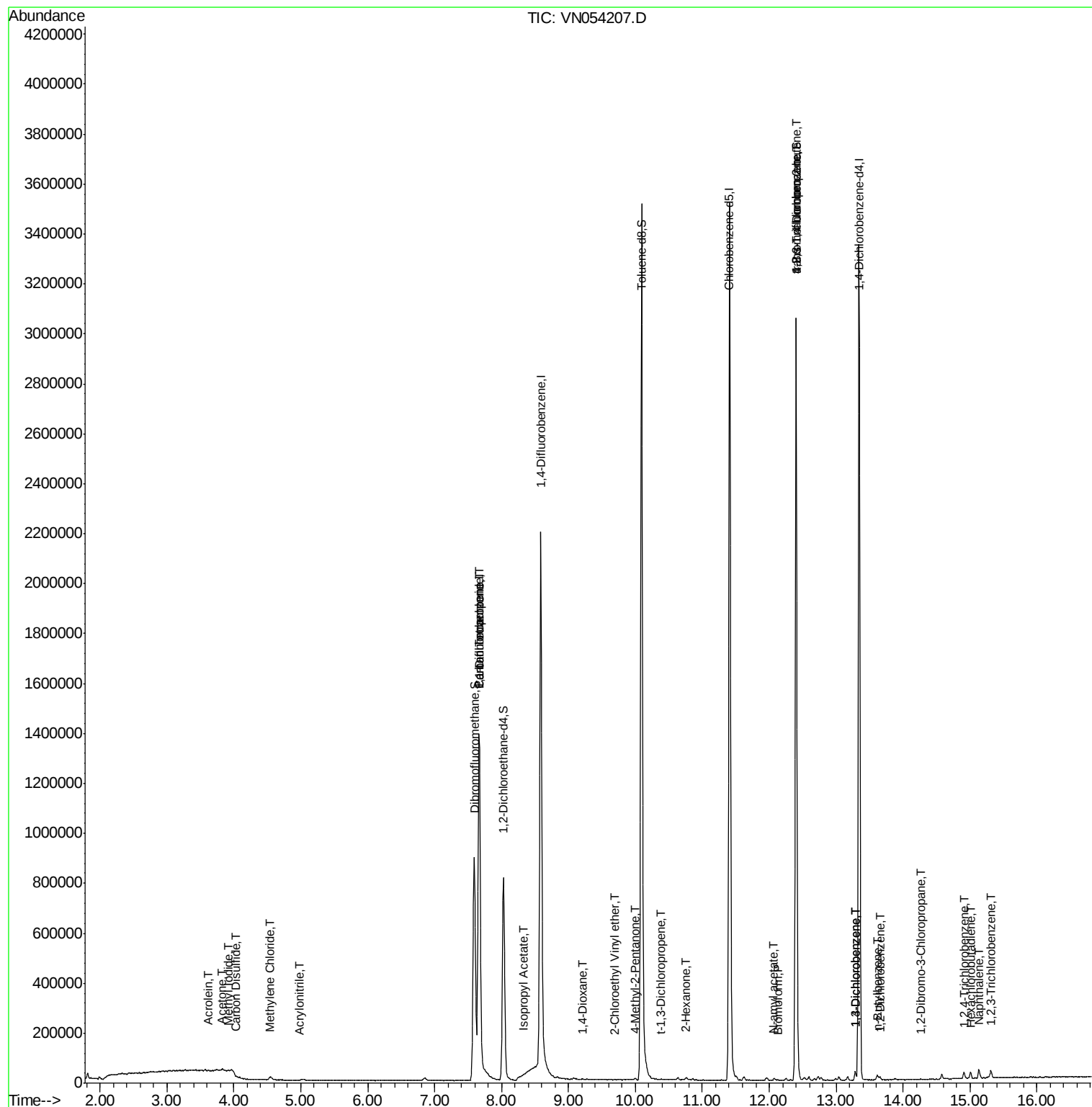
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.92	142	216	1.508	ug/l #	62
13) Acrolein	3.62	56	363	0.395	ug/l #	66
15) Acrylonitrile	4.98	53	798	0.200	ug/l #	39
16) Acetone	3.82	43	8310	2.050	ug/l #	85
17) Carbon Disulfide	4.04	76	8076	0.233	ug/l #	92
20) Methylene Chloride	4.54	84	8881	0.667	ug/l #	83
31) Cyclohexane	7.66	56	21745	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	80223	3.936	ug/l #	47
38) Carbon Tetrachloride	7.66	117	113528	5.312	ug/l #	15
43) Isopropyl Acetate	8.31	43	28118	1.368	ug/l #	60
49) 1,4-Dioxane	9.22	88	149	1.010	ug/l #	1
51) 4-Methyl-2-Pentanone	10.00	43	4486	0.412	ug/l #	72
53) t-1,3-Dichloropropene	10.39	75	1246	2.039	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.69	63	179	16.852	ug/l #	44
59) 2-Hexanone	10.75	43	7435	1.027	ug/l	100
71) Bromoform	12.13	173	412	2.378	ug/l #	28
74) N-amyl acetate	12.07	43	4803	0.278	ug/l	96
76) 1,2,3-Trichloropropane	12.40	75	502793	35.131	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	502793	120.093	ug/l #	11
87) 1,3-Dichlorobenzene	13.28	146	7505	0.216	ug/l	93
88) 1,4-Dichlorobenzene	13.28	146	7505	0.220	ug/l	92
89) n-Butylbenzene	13.62	91	12198	0.237	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	6923	0.204	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.27	75	624	0.243	ug/l #	47
93) 1,2,4-Trichlorobenzene	14.90	180	10112	2.985	ug/l	90
94) Hexachlorobutadiene	15.01	225	4974	0.385	ug/l	93
95) Naphthalene	15.13	128	28988	4.102	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	10857	0.602	ug/l	92

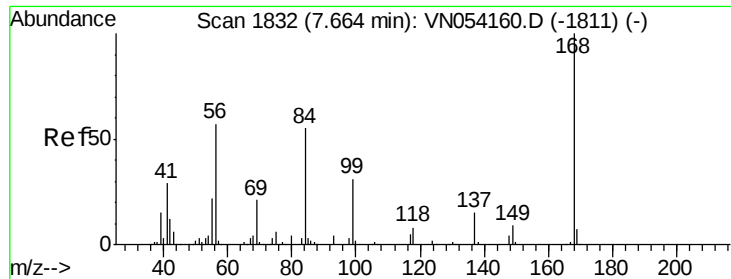
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054207.D

Acq: 13 Mar 2019 13:02

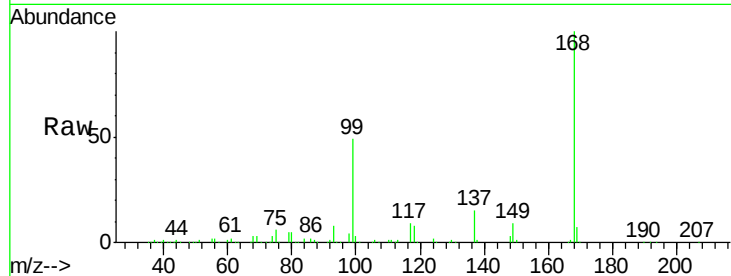
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 1333056

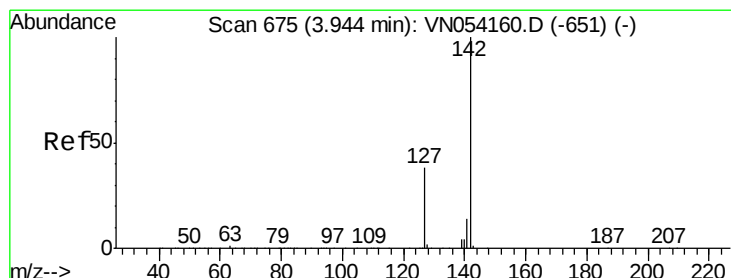
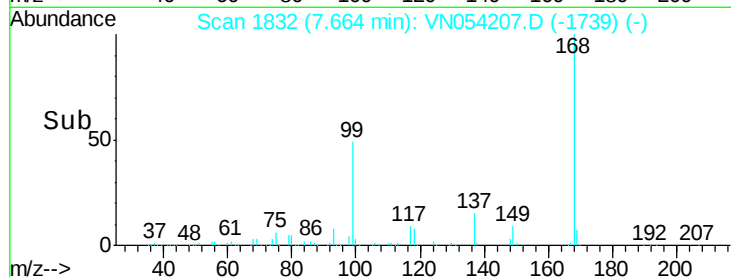
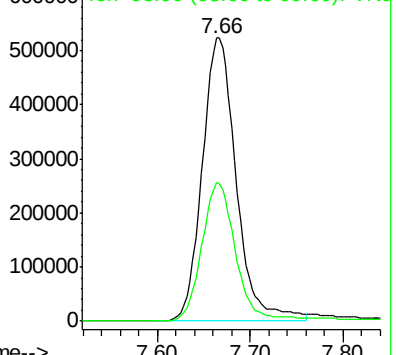
Ion Ratio Lower Upper

168 100

99 48.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VN



#10

Methyl Iodide

Concen: 1.508 ug/l

RT: 3.92 min Scan# 668

Delta R.T. -0.02 min

Lab File: VN054207.D

Acq: 13 Mar 2019 13:02

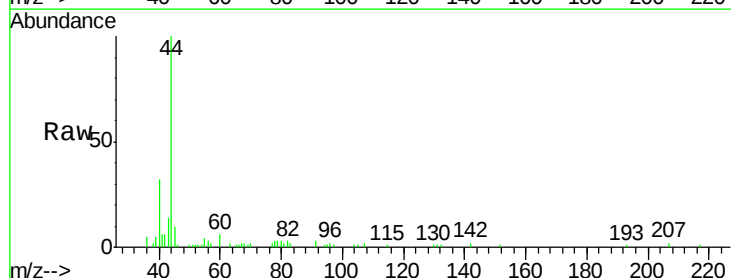
Tgt Ion:142 Resp: 216

Ion Ratio Lower Upper

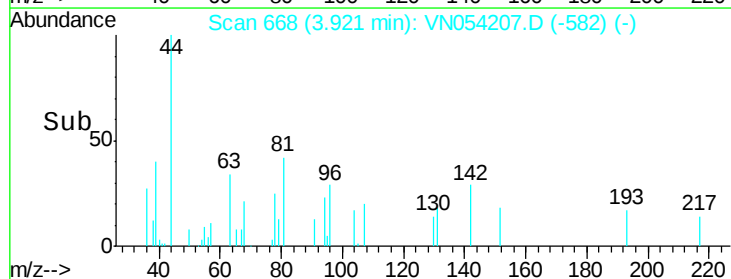
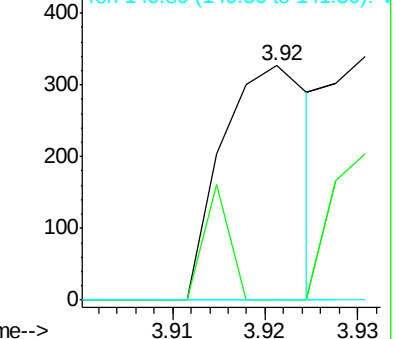
142 100

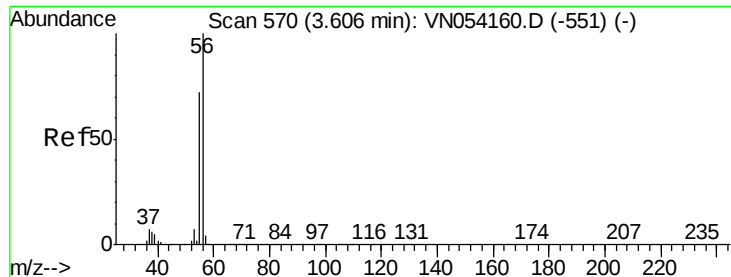
127 14.4 30.3 45.5#

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#13

Acrolein

Concen: 0.395 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN054207.D

Acq: 13 Mar 2019 13:02

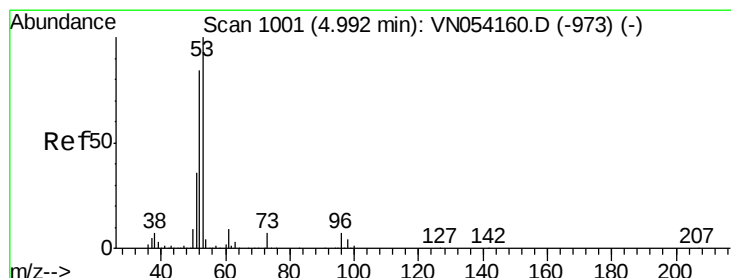
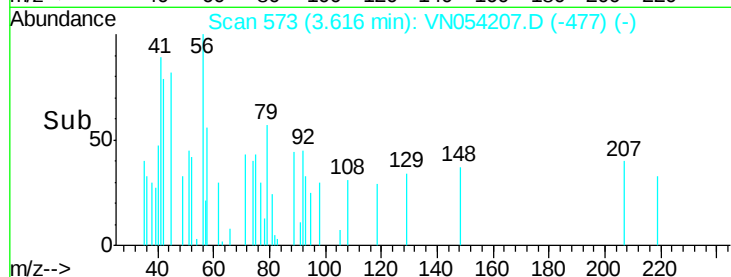
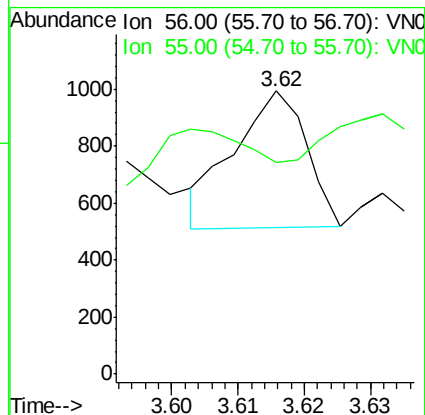
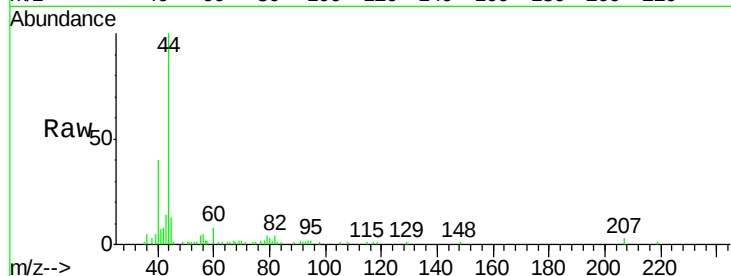
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 363

Ion Ratio Lower Upper

56 100

55 98.6 56.7 85.1#



#15

Acrylonitrile

Concen: 0.200 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN054207.D

Acq: 13 Mar 2019 13:02

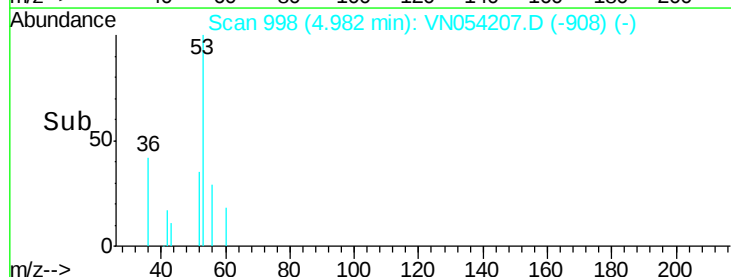
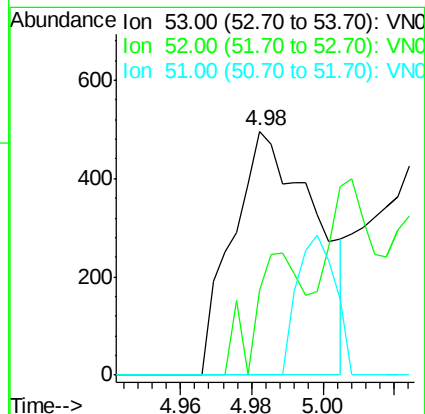
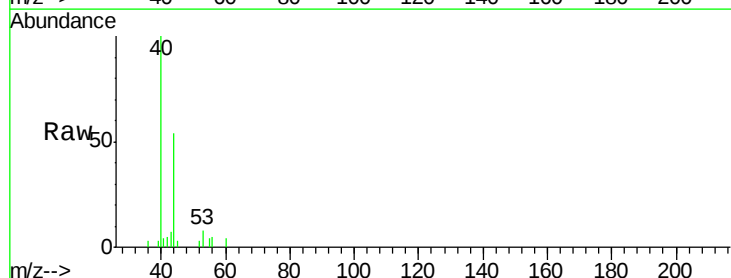
Tgt Ion: 53 Resp: 798

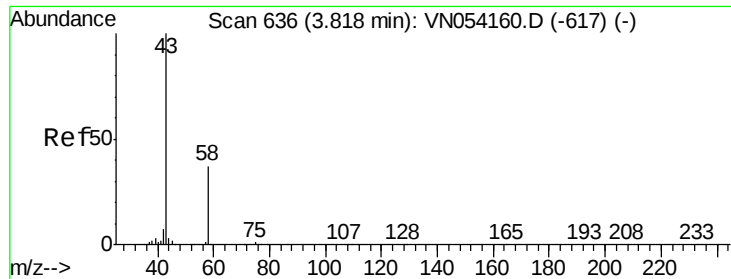
Ion Ratio Lower Upper

53 100

52 28.7 66.4 99.6#

51 0.0 29.6 44.4#





#16

Acetone

Concen: 2.050 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054207.D

Acq: 13 Mar 2019 13:02

Instrument :

MSVOA_N

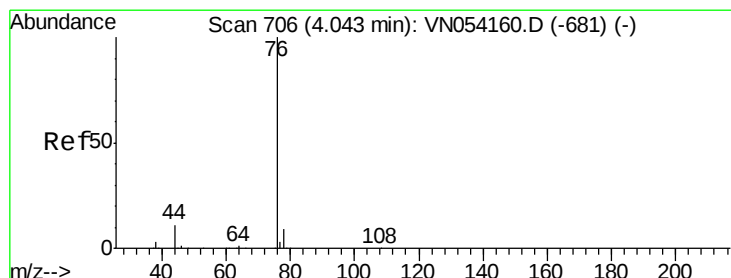
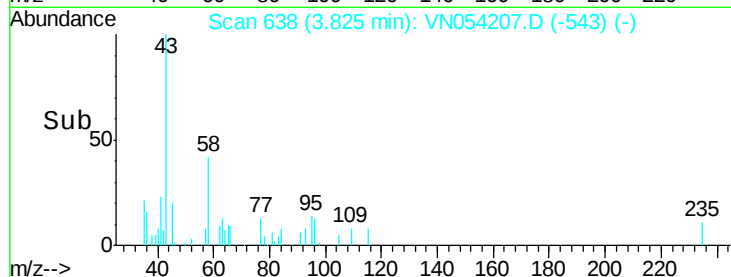
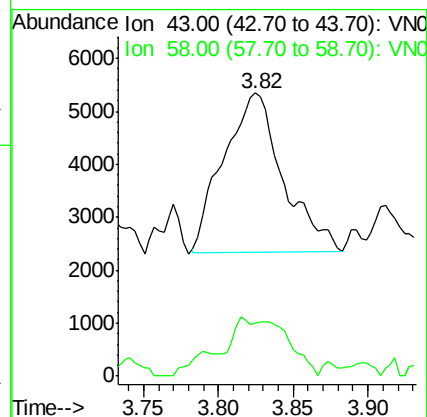
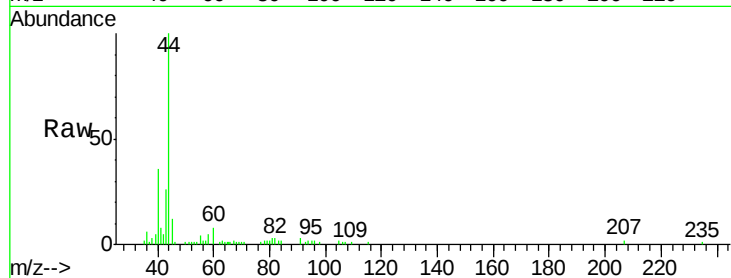
ClientSampled :

Tot Ion: 43 Resp: 8310

Ion Ratio Lower Upper

43 100

58 28.5 29.9 44.9#



#17

Carbon Disulfide

Concen: 0.233 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.01 min

Lab File: VN054207.D

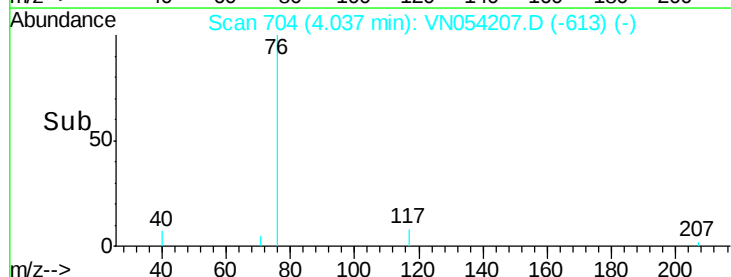
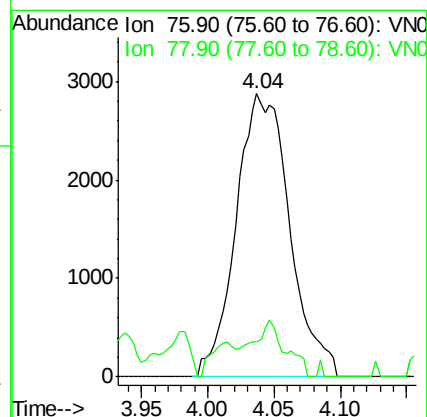
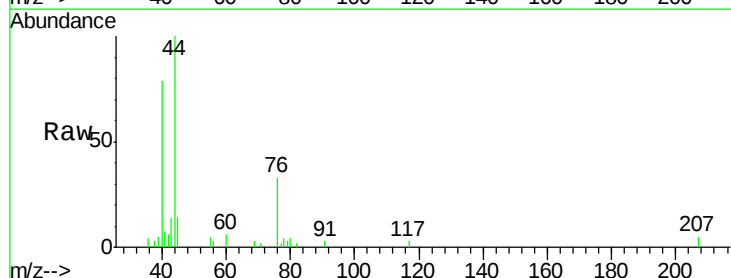
Acq: 13 Mar 2019 13:02

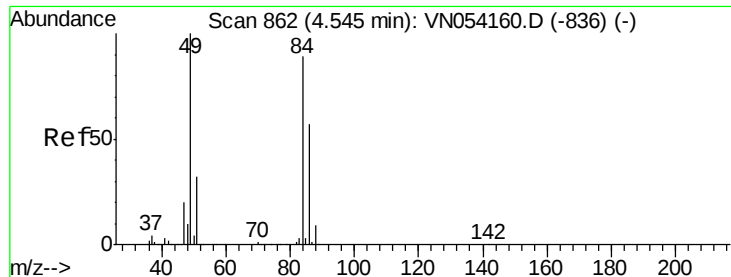
Tgt Ion: 76 Resp: 8076

Ion Ratio Lower Upper

76 100

78 12.2 7.5 11.3#

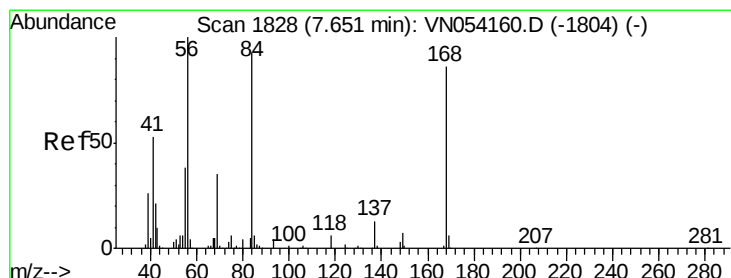
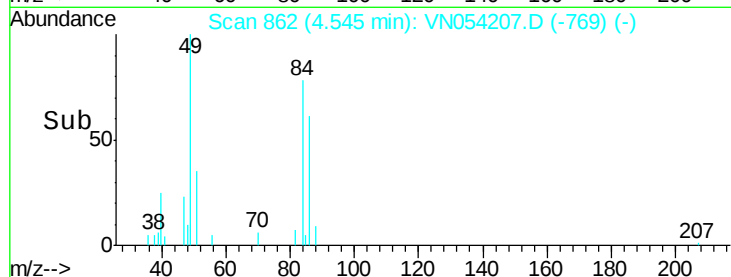
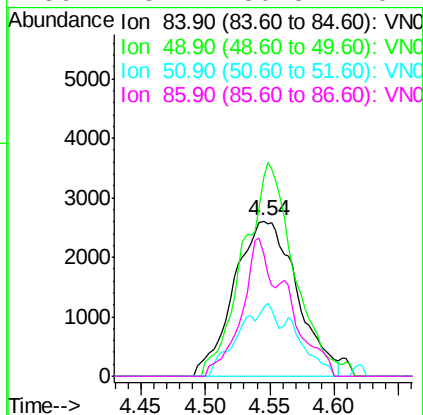
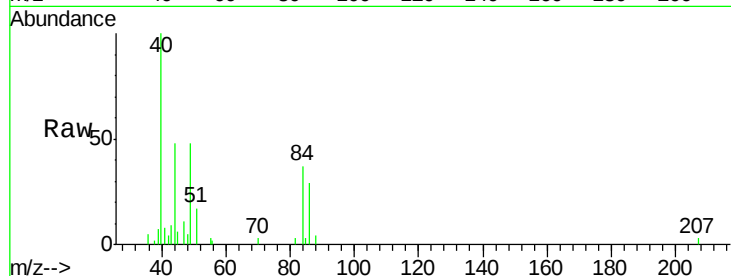




#20
Methvlene Chloride
Concen: 0.667 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054207.D
Acq: 13 Mar 2019 13:02

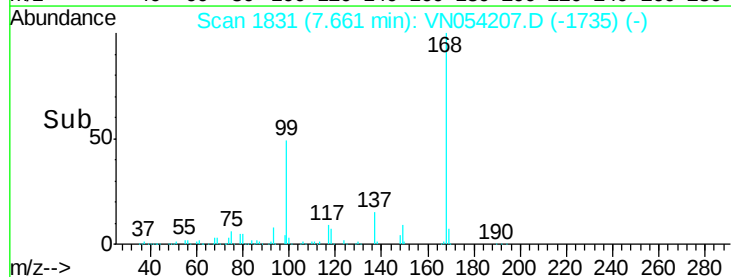
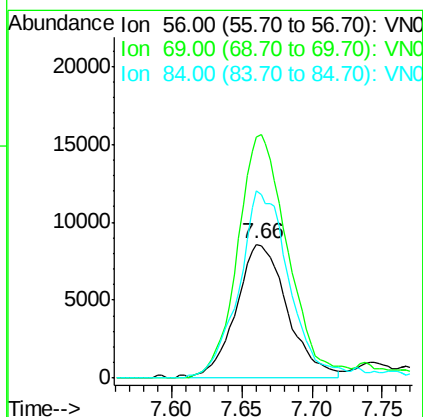
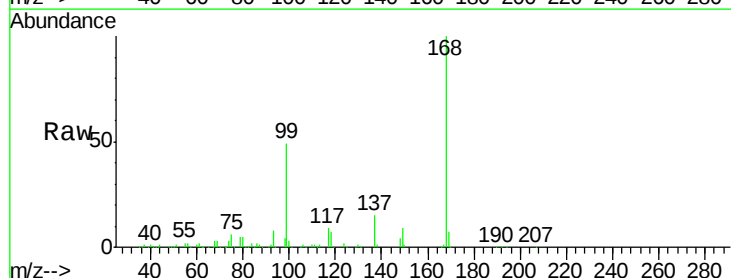
Instrument :
MSVOA_N
ClientSampled :

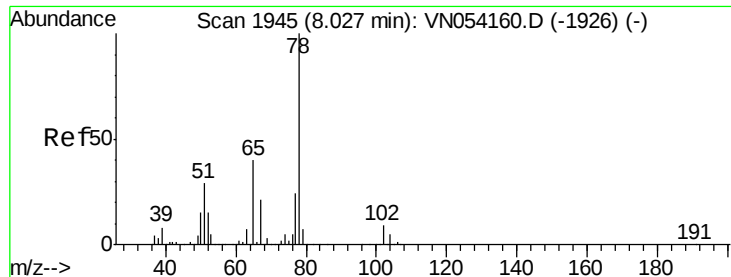
Tot Ion: 84 Resp: 8881
Ion Ratio Lower Upper
84 100
49 128.8 89.7 134.5
51 44.7 28.2 42.4#
86 78.4 50.8 76.2#



#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN054207.D
Acq: 13 Mar 2019 13:02

Tgt Ion: 56 Resp: 21745
Ion Ratio Lower Upper
56 100
69 180.4 27.8 41.6#
84 138.5 74.6 111.8#





#33

1,2-Dichloroethane-d4

Concen: 51.352 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054207.D

Acq: 13 Mar 2019 13:02

Instrument :

MSVOA_N

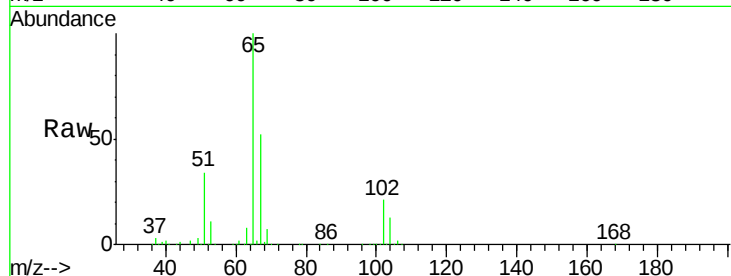
ClientSampleId :

Tot Ion: 65 Resp: 726991

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054207.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN054207.D (-1852) (-)

8.03

300000

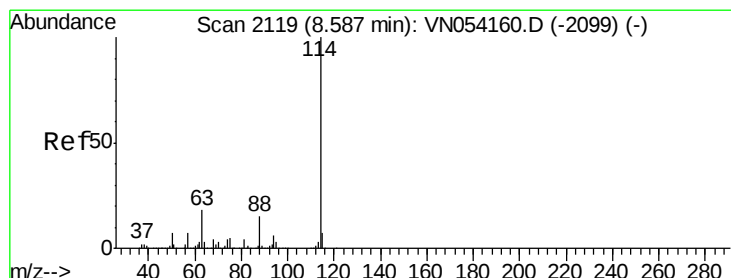
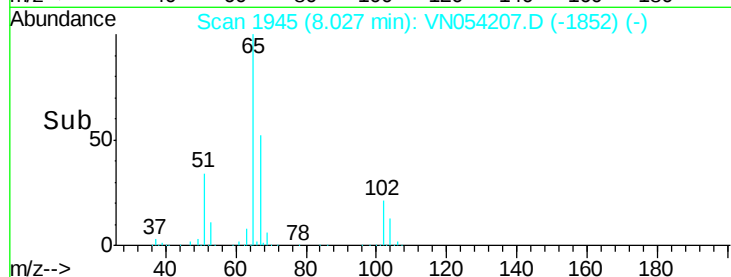
200000

100000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054207.D

Acq: 13 Mar 2019 13:02

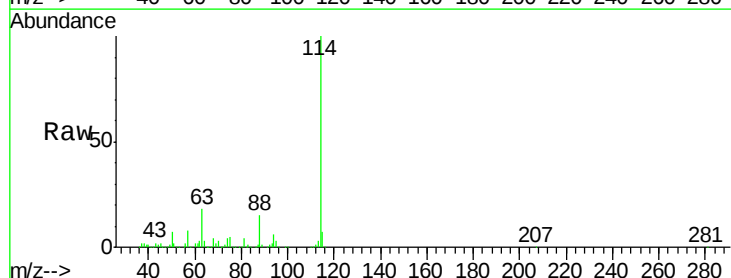
Tgt Ion: 114 Resp: 2213027

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.2

88 14.6 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): VN054207.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN054207.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN054207.D (-2026) (-)

8.59

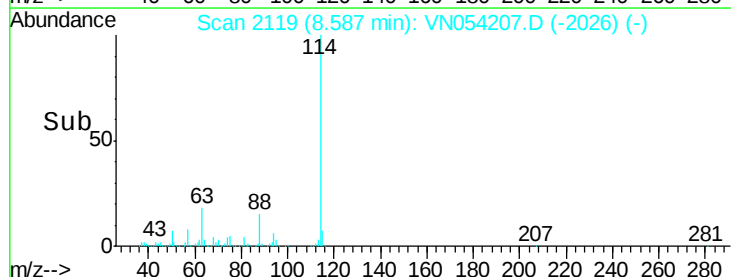
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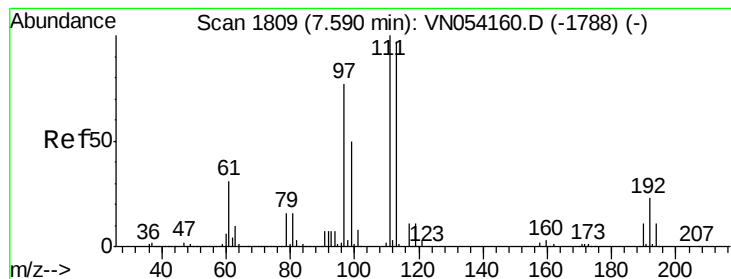
500000

0

8.50 8.60 8.70 8.80

Time-->





#35

Dibromofluoromethane

Concen: 48.527 ug/l

RT: 7.59 min Scan# 1810

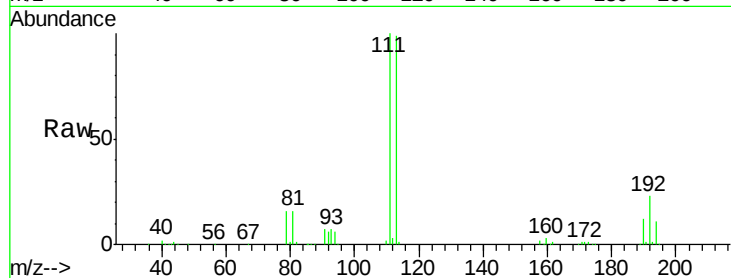
Delta R.T. 0.00 min

Lab File: VN054207.D

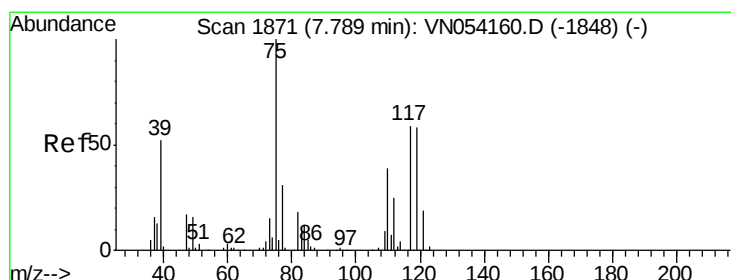
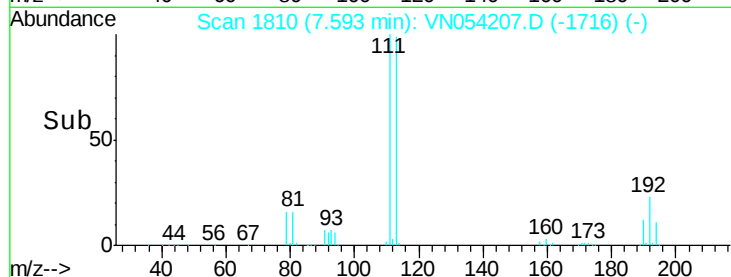
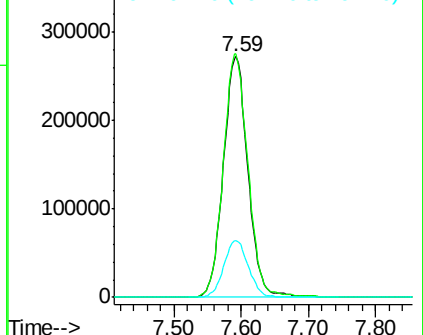
Acq: 13 Mar 2019 13:02

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	113	Resp:	692637
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.4
192	23.7	19.2	28.8



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.936 ug/l

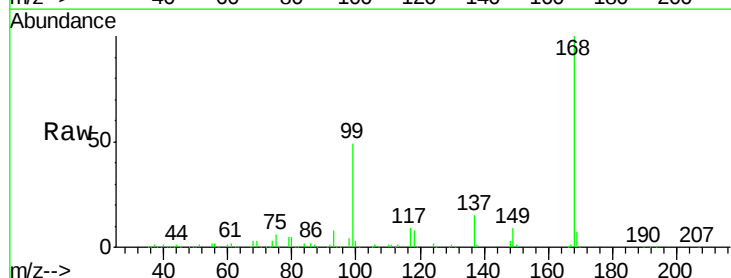
RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

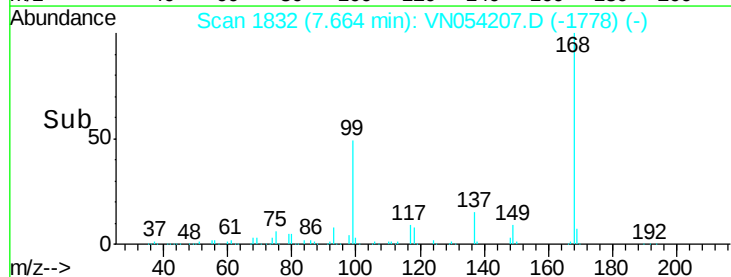
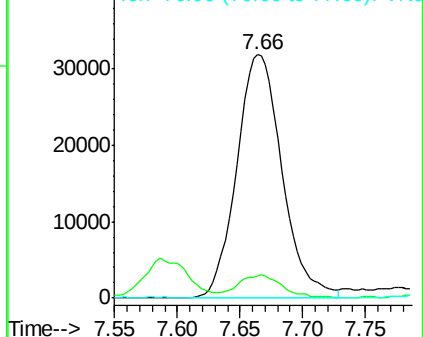
Lab File: VN054207.D

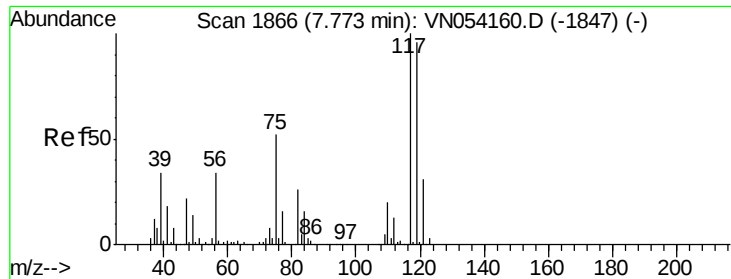
Acq: 13 Mar 2019 13:02

Tgt Ion:	75	Resp:	80223
Ion	Ratio	Lower	Upper
75	100		
110	8.3	19.1	57.5#
77	0.0	25.0	37.4#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

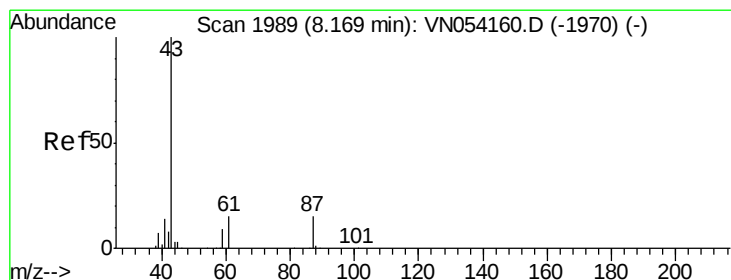
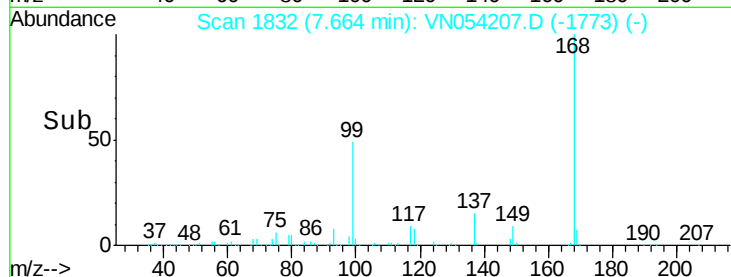
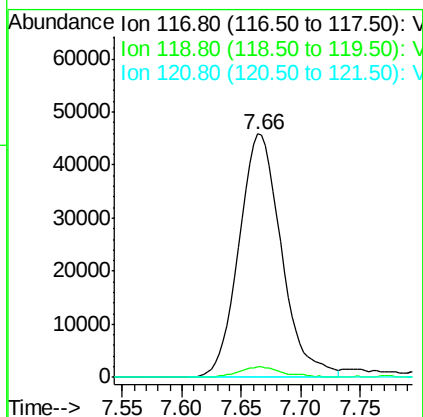
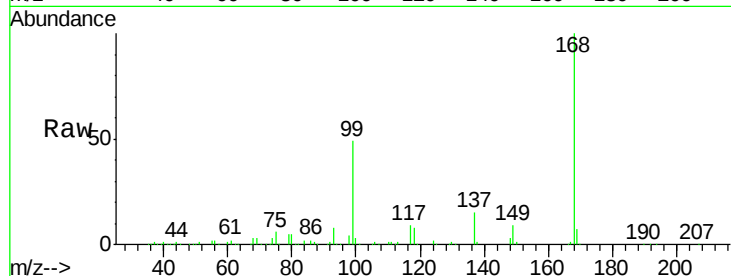




#38
Carbon Tetrachloride
Concen: 5.312 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054207.D
Acq: 13 Mar 2019 13:02

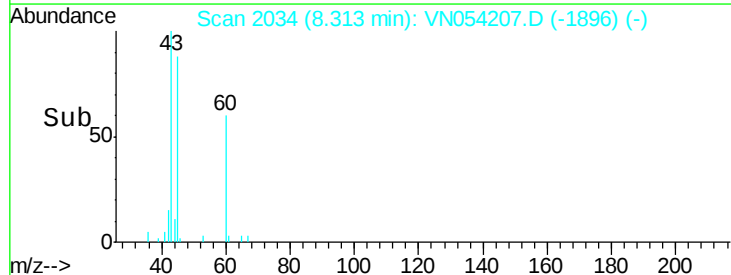
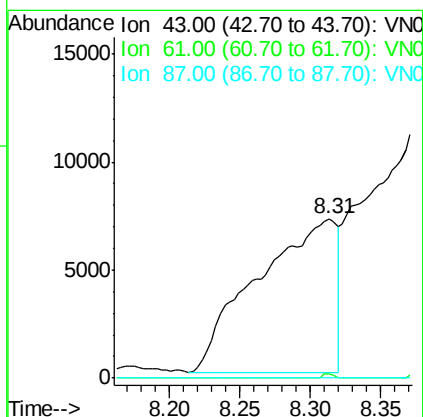
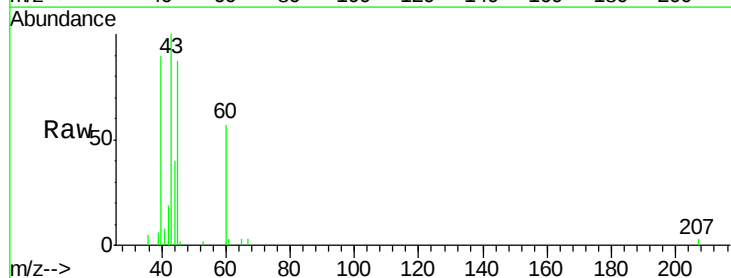
Instrument :
MSVOA_N
ClientSampled :

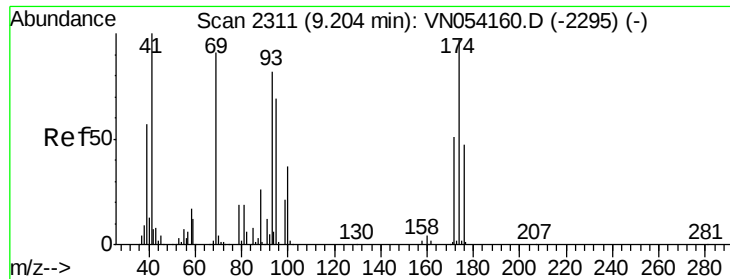
Tot Ion:117 Resp: 113528
Ion Ratio Lower Upper
117 100
119 4.2 76.3 114.5#
121 0.0 24.6 36.8#



#43
Isopropyl Acetate
Concen: 1.368 ug/l
RT: 8.31 min Scan# 2034
Delta R.T. 0.14 min
Lab File: VN054207.D
Acq: 13 Mar 2019 13:02

Tgt Ion: 43 Resp: 28118
Ion Ratio Lower Upper
43 100
61 0.0 15.8 23.8#
87 0.0 12.0 18.0#

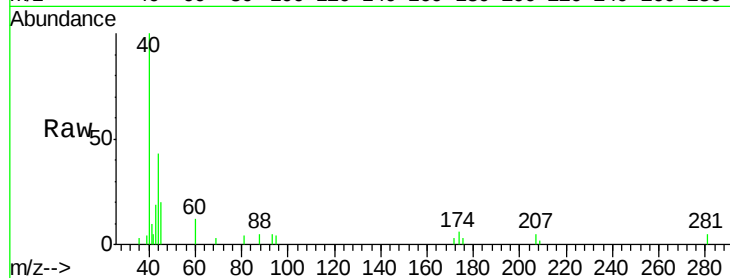




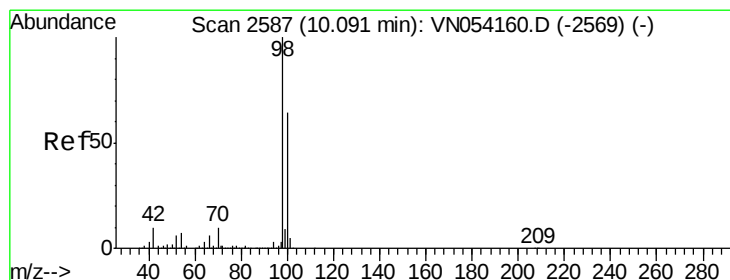
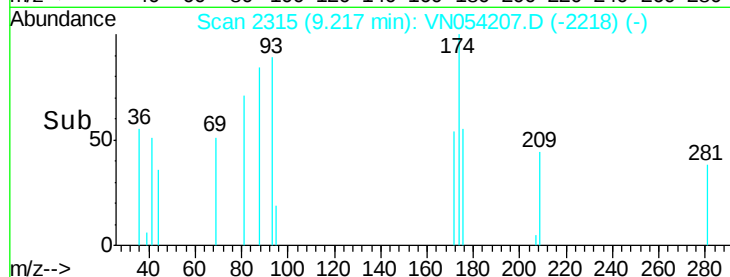
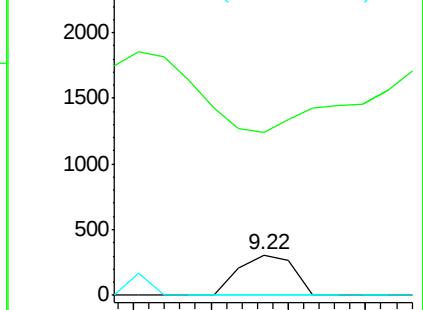
#49
1,4-Dioxane
Concen: 1.010 ug/l
RT: 9.22 min Scan# 2315
Delta R.T. 0.01 min
Lab File: VN054207.D
Acq: 13 Mar 2019 13:02

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 149
Ion Ratio Lower Upper
88 100
43 348.3 24.1 36.1#
58 22.1 50.8 76.2#

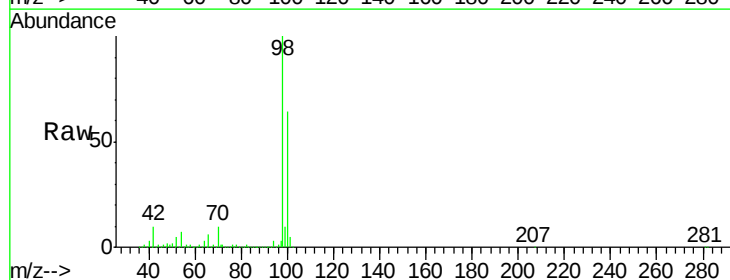


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

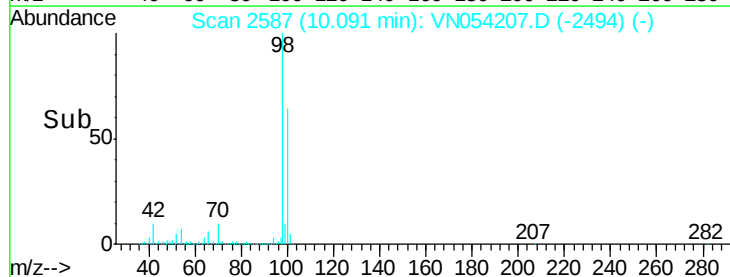
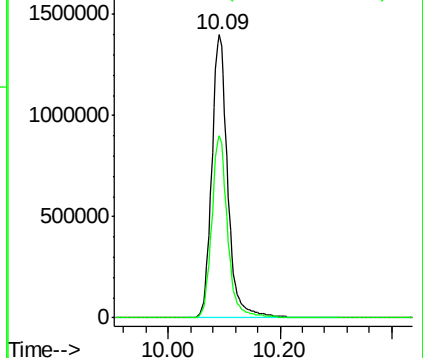


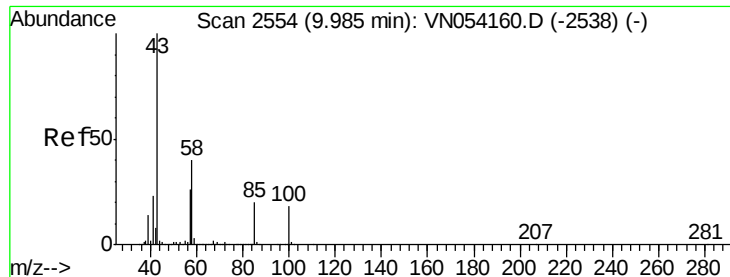
#50
Toluene-d8
Concen: 52.815 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054207.D
Acq: 13 Mar 2019 13:02

Tgt Ion: 98 Resp: 2784030
Ion Ratio Lower Upper
98 100
100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.412 ug/l

RT: 10.00 min Scan# 2558

Delta R.T. 0.01 min

Lab File: VN054207.D

Acq: 13 Mar 2019 13:02

Instrument :

MSVOA_N

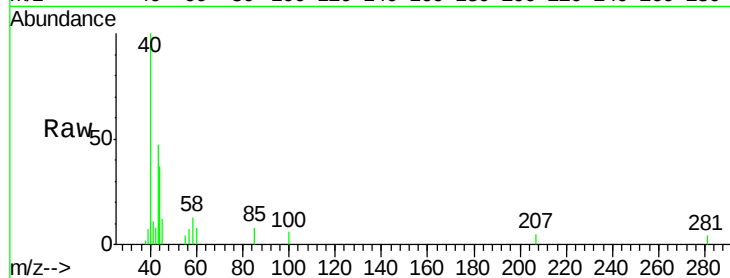
ClientSampled :

Tot Ion: 43 Resp: 4486

Ion Ratio Lower Upper

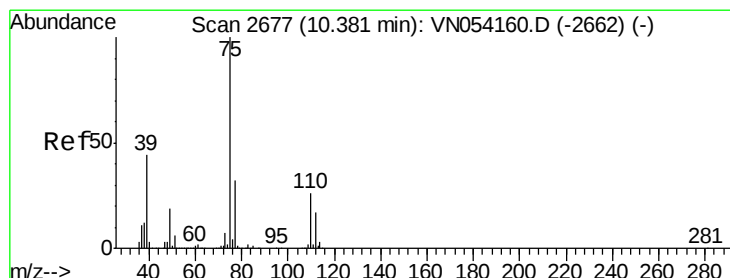
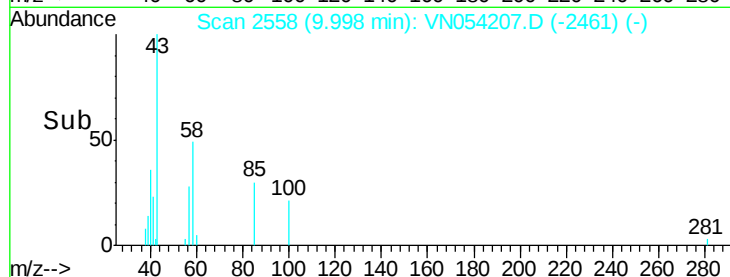
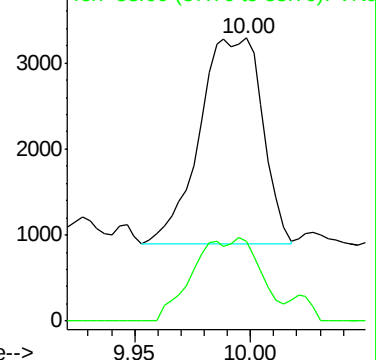
43 100

58 22.5 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#53

t-1,3-Dichloropropene

Concen: 2.039 ug/l

RT: 10.39 min Scan# 2679

Delta R.T. 0.01 min

Lab File: VN054207.D

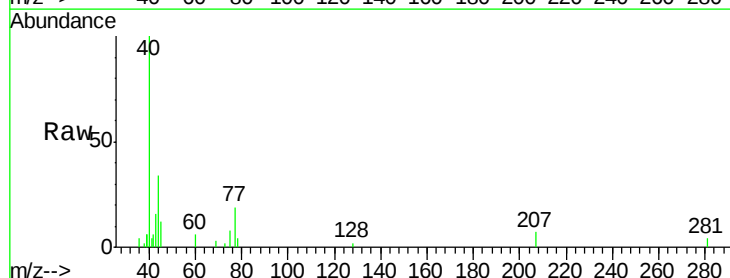
Acq: 13 Mar 2019 13:02

Tgt Ion: 75 Resp: 1246

Ion Ratio Lower Upper

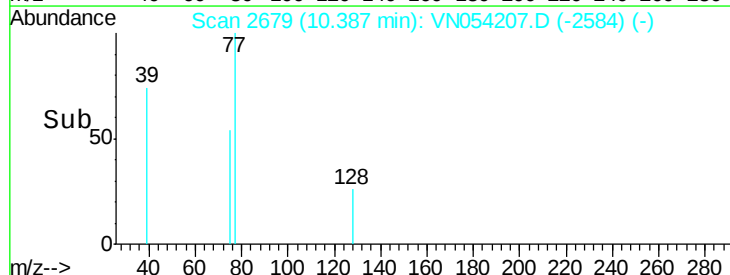
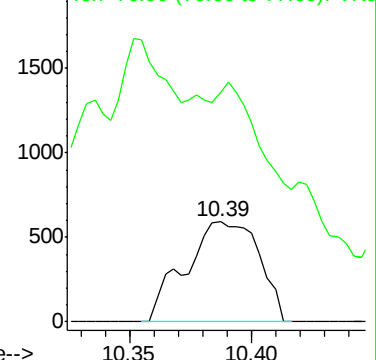
75 100

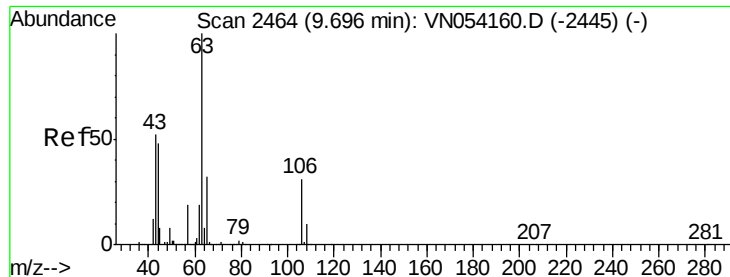
77 97.0 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

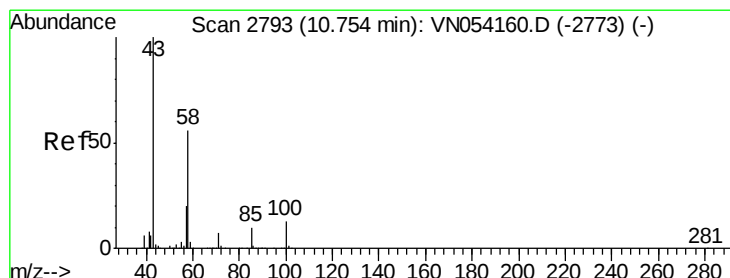
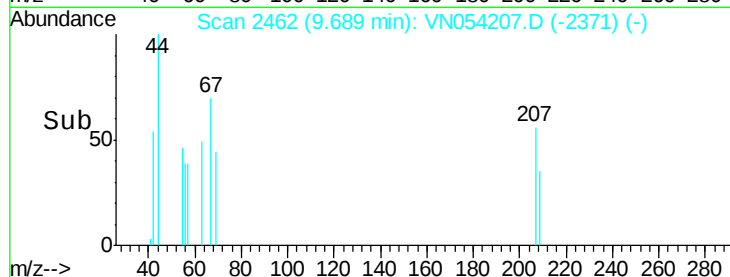
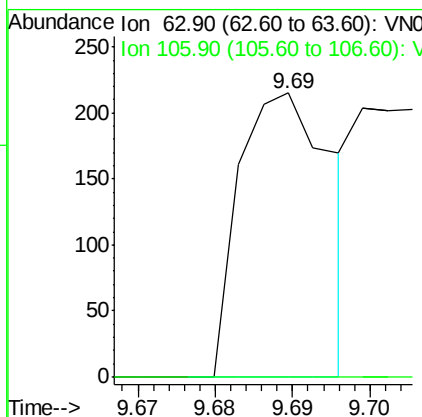
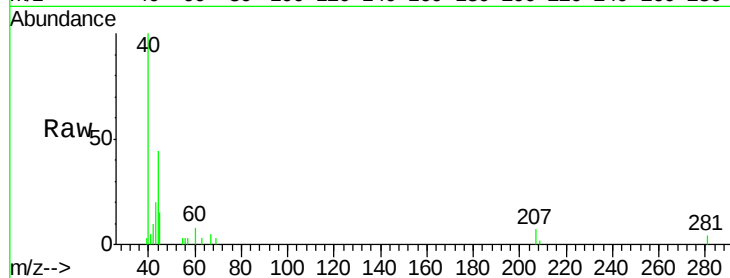




#58
2-Chloroethyl Vinyl ether
Concen: 16.852 ug/l
RT: 9.69 min Scan# 2462
Delta R.T. -0.01 min
Lab File: VN054207.D
Acq: 13 Mar 2019 13:02

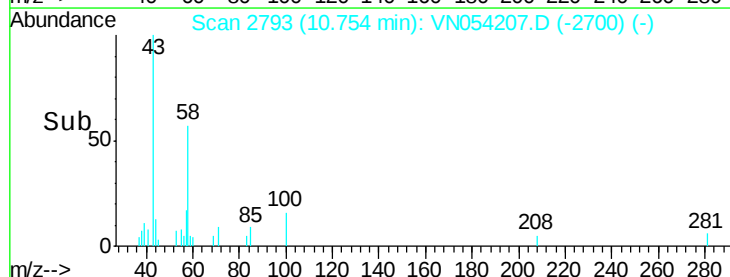
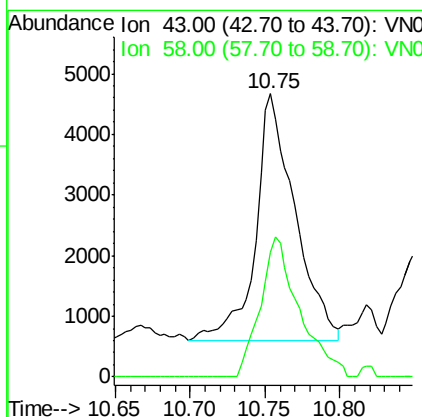
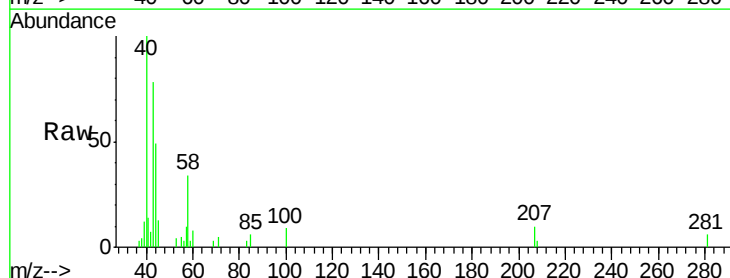
Instrument :
MSVOA_N
ClientSampleId :

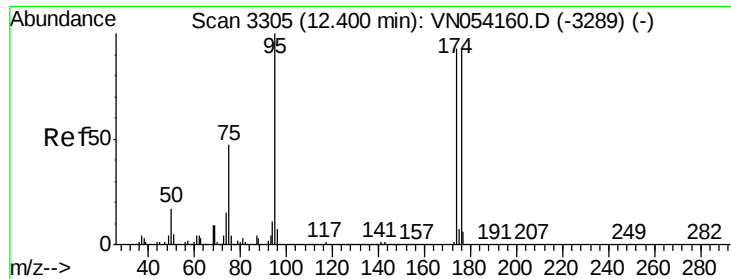
Tot Ion: 63 Resp: 179
Ion Ratio Lower Upper
63 100
106 0.0 24.4 36.6#



#59
2-Hexanone
Concen: 1.027 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN054207.D
Acq: 13 Mar 2019 13:02

Tgt Ion: 43 Resp: 7435
Ion Ratio Lower Upper
43 100
58 56.0 28.0 83.9





#62

4-Bromofluorobenzene

Concen: 56.646 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054207.D

Acq: 13 Mar 2019 13:02

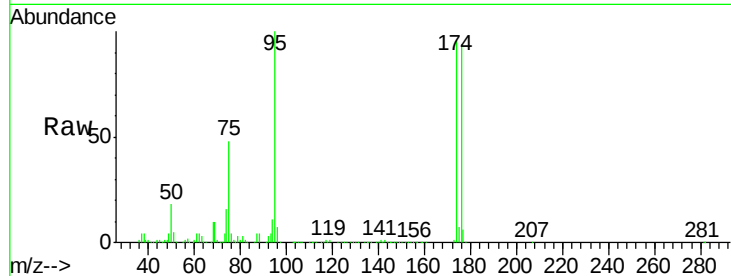
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 95 Resp: 1044785

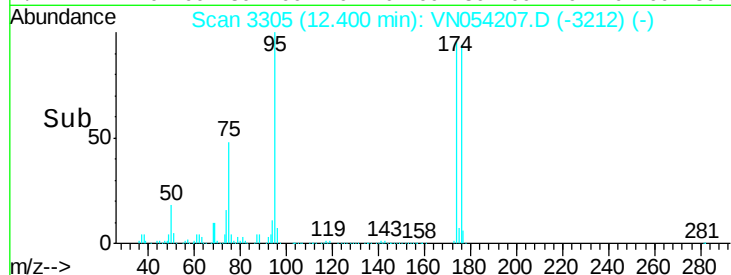
Ion	Ratio	Lower	Upper
95	100		
174	98.2	0.0	191.0
176	94.9	0.0	187.4



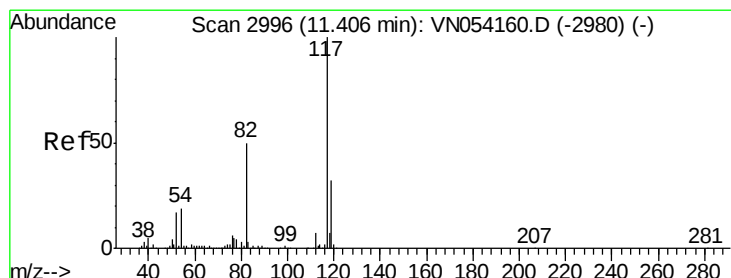
Abundance Ion 94.90 (94.60 to 95.60): VN054207.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN054207.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN054207.D (-2903) (-)



Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

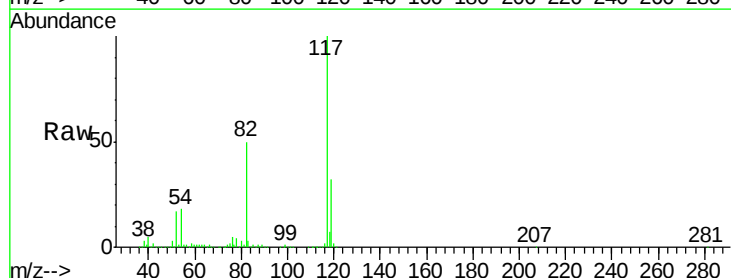
Delta R.T. 0.00 min

Lab File: VN054207.D

Acq: 13 Mar 2019 13:02

Tgt Ion: 117 Resp: 2327042

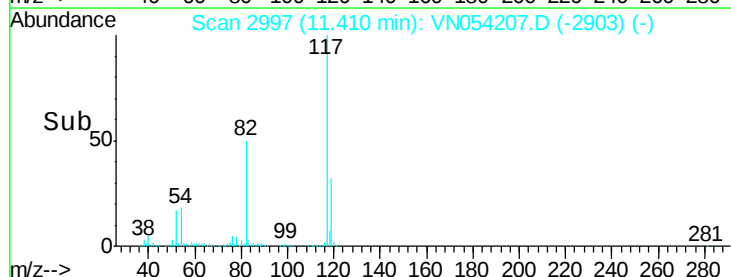
Ion	Ratio	Lower	Upper
117	100		
82	49.9	40.0	60.0
119	32.0	25.8	38.6



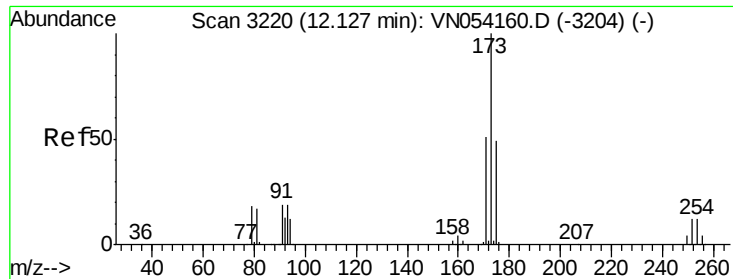
Abundance Ion 116.90 (116.60 to 117.60): VN054207.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054207.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054207.D (-2903) (-)



Time--> 11.30 11.40 11.50 11.60



#71

Bromoform

Concen: 2.378 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN054207.D

Acq: 13 Mar 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

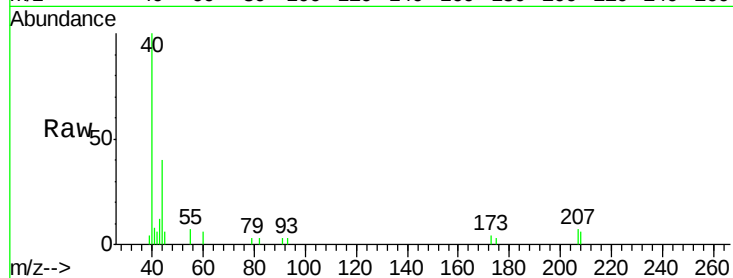
Tot Ion:173 Resp: 412

Ion Ratio Lower Upper

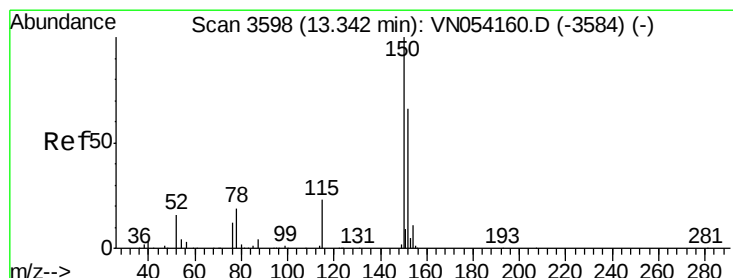
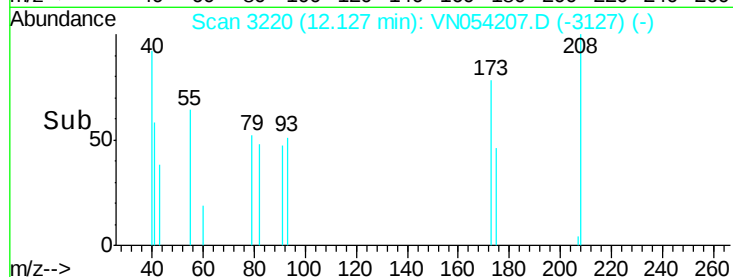
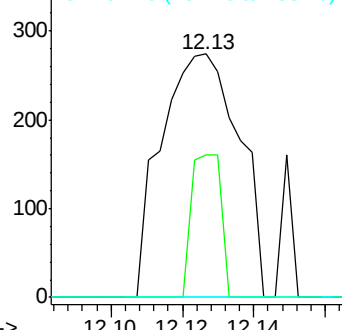
173 100

175 0.0 24.4 73.2#

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054207.D

Acq: 13 Mar 2019 13:02

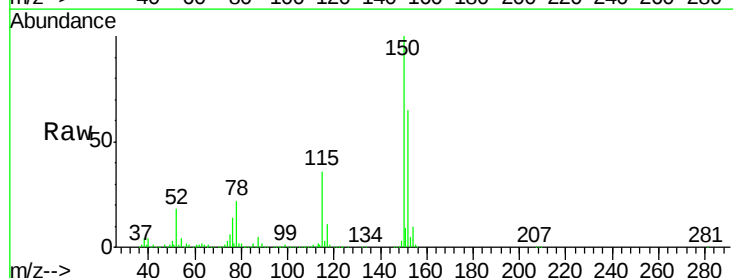
Tgt Ion:152 Resp: 973246

Ion Ratio Lower Upper

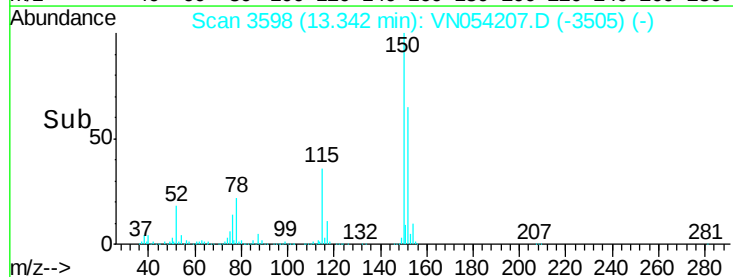
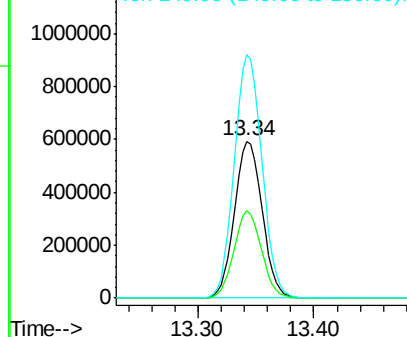
152 100

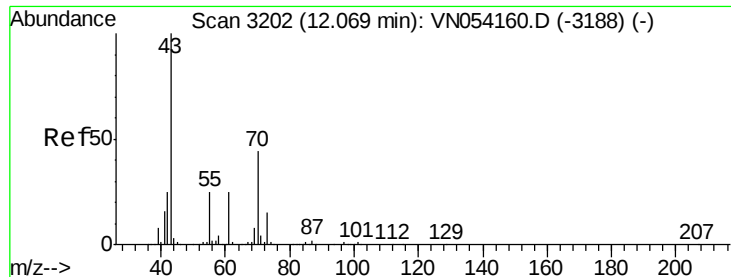
115 54.9 27.2 81.6

150 155.8 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.278 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054207.D

Acq: 13 Mar 2019 13:02

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 4803

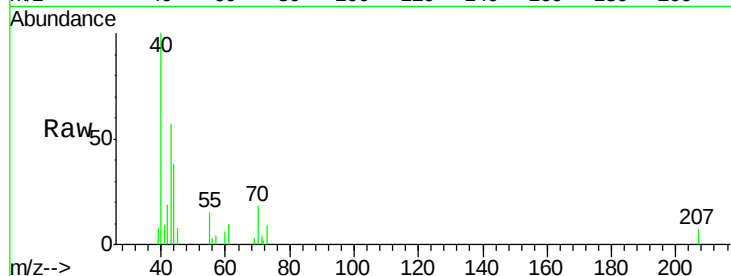
Ion Ratio Lower Upper

43 100

70 49.4 35.4 53.0

55 24.7 19.8 29.6

61 25.3 19.8 29.6

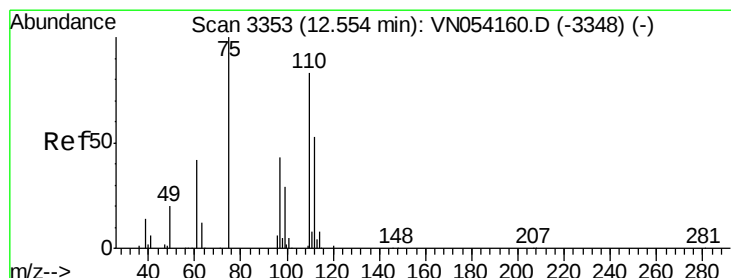
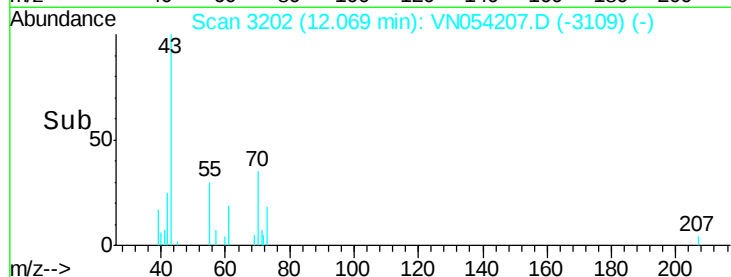
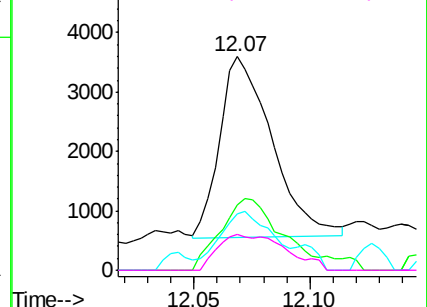


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 35.131 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054207.D

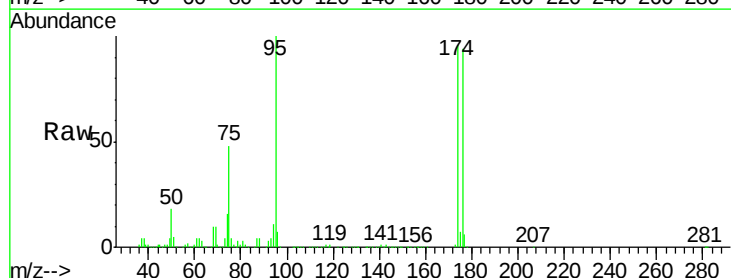
Acq: 13 Mar 2019 13:02

Tgt Ion: 75 Resp: 502793

Ion Ratio Lower Upper

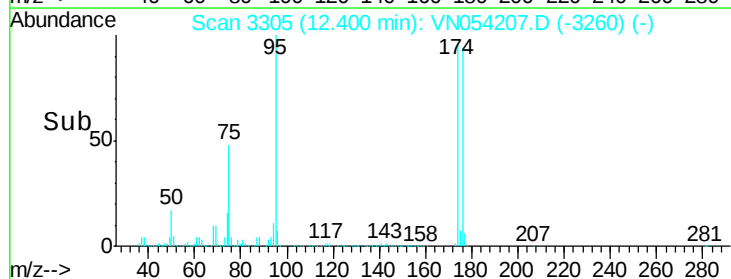
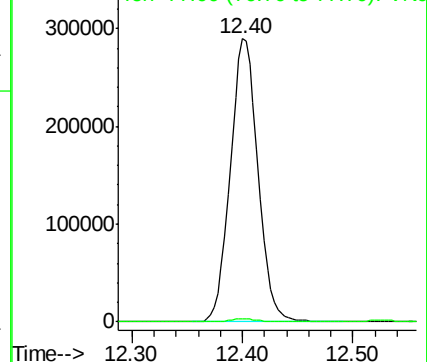
75 100

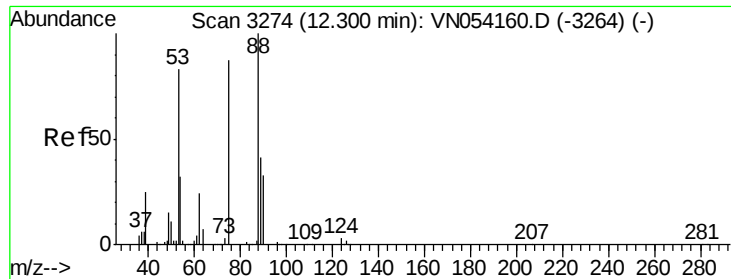
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

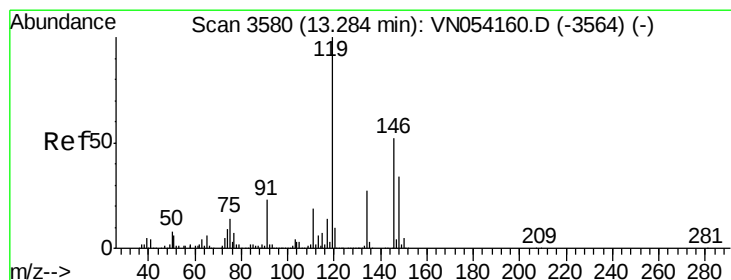
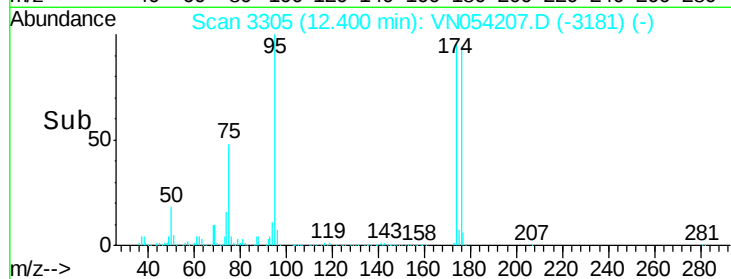
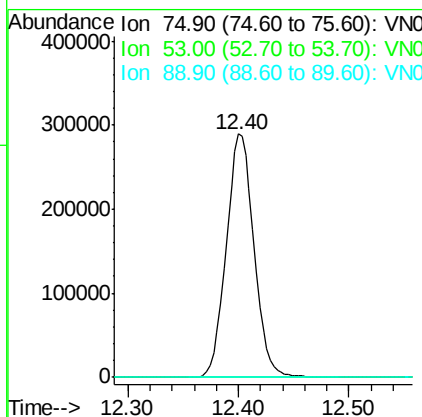
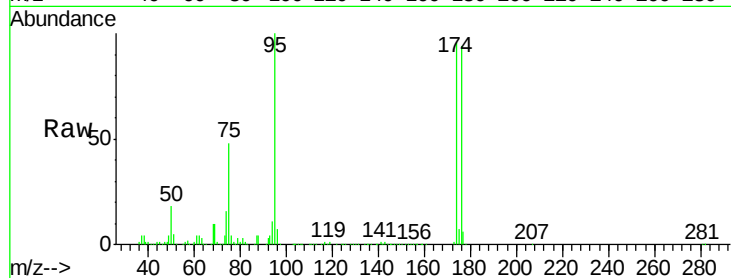




#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.093 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN054207.D
 Acq: 13 Mar 2019 13:02

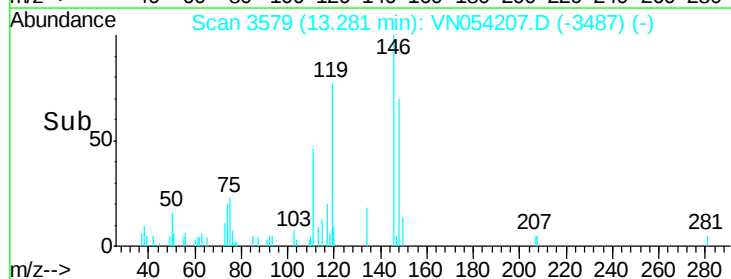
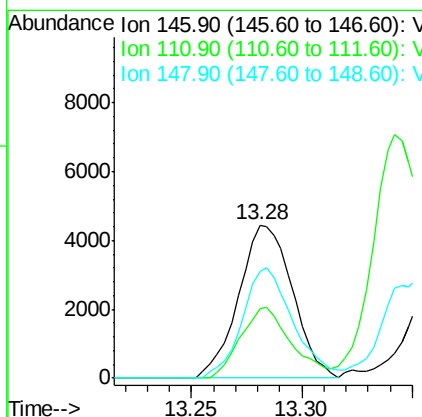
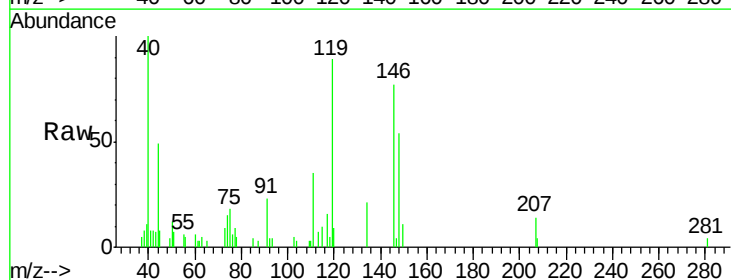
Instrument :
 MSVOA_N
 ClientSampled :

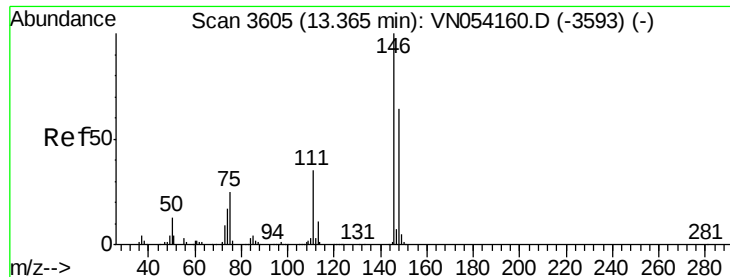
Tot Ion: 75 Resp: 502793
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.2 114.2#
 89 0.0 39.2 58.8#



#87
 1,3-Dichlorobenzene
 Concen: 0.216 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN054207.D
 Acq: 13 Mar 2019 13:02

Tgt Ion: 146 Resp: 7505
 Ion Ratio Lower Upper
 146 100
 111 43.8 18.8 56.3
 148 67.7 32.2 96.6





#88

1,4-Dichlorobenzene

Concen: 0.220 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.08 min

Lab File: VN054207.D

Acq: 13 Mar 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

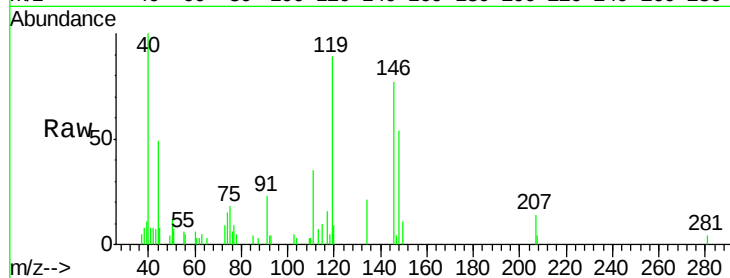
Tot Ion:146 Resp: 7505

Ion Ratio Lower Upper

146 100

111 43.8 18.1 54.1

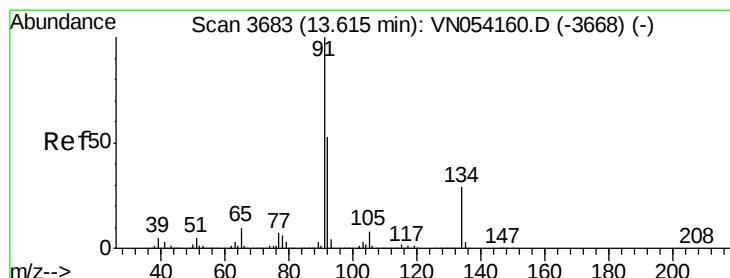
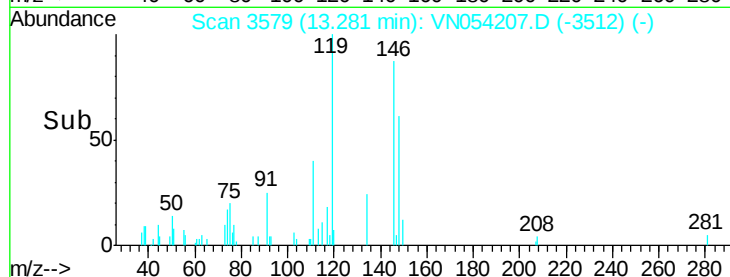
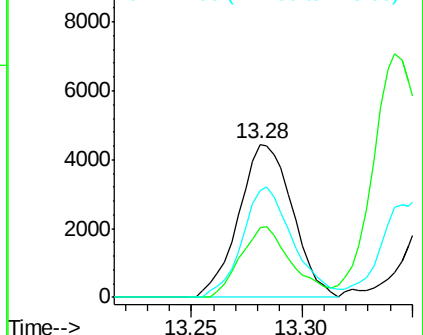
148 67.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.237 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN054207.D

Acq: 13 Mar 2019 13:02

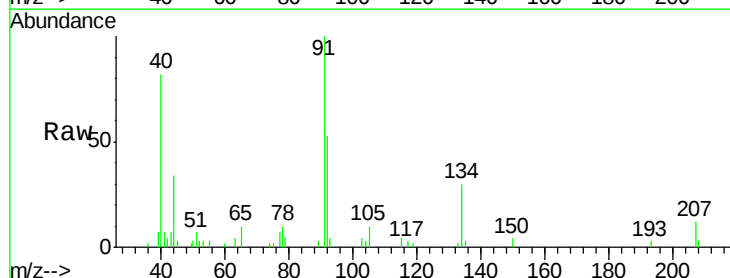
Tgt Ion: 91 Resp: 12198

Ion Ratio Lower Upper

91 100

92 51.9 26.2 78.6

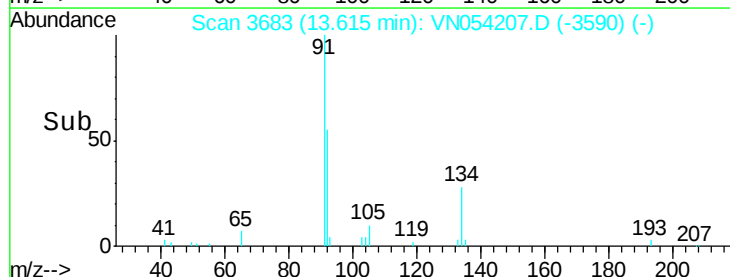
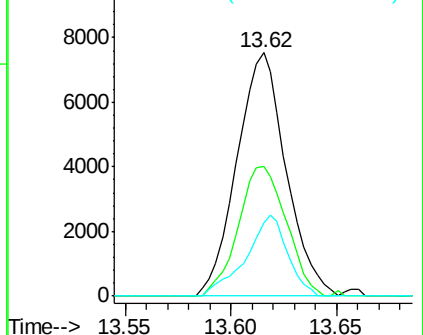
134 28.2 14.3 42.9

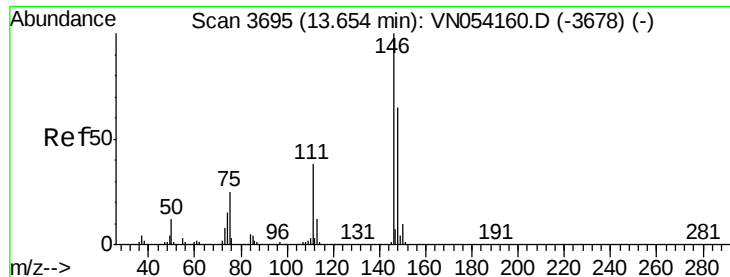


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 0.204 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN054207.D

Acq: 13 Mar 2019 13:02

Instrument :

MSVOA_N

ClientSampled :

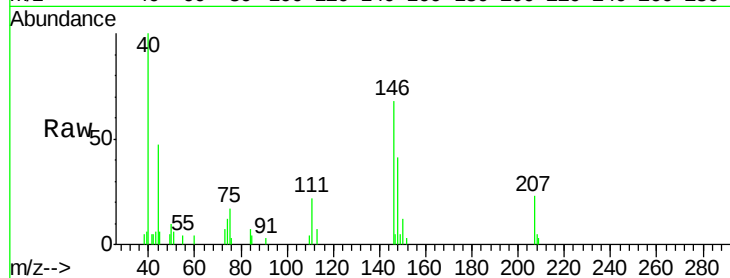
Tot Ion:146 Resp: 6923

Ion Ratio Lower Upper

146 100

111 33.4 19.1 57.3

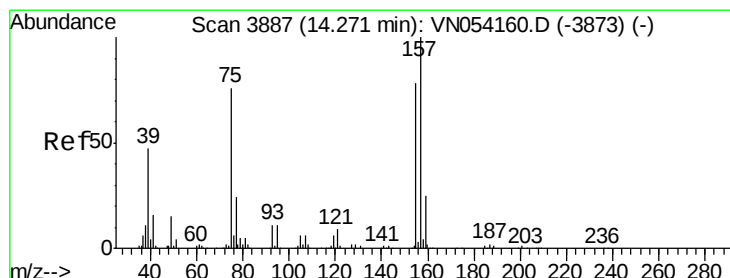
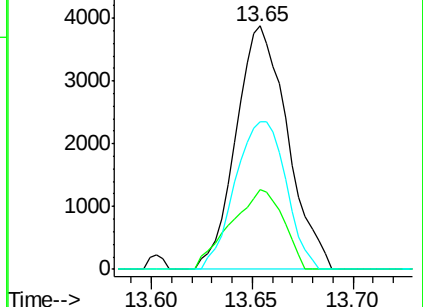
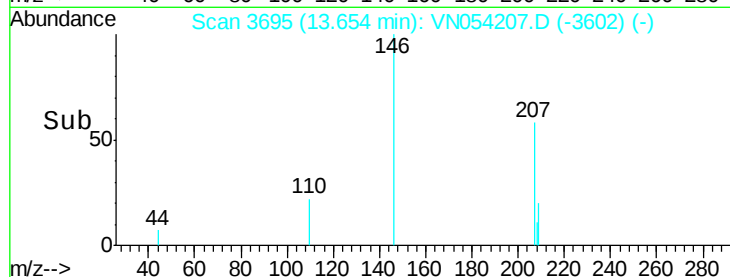
148 59.8 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.243 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN054207.D

Acq: 13 Mar 2019 13:02

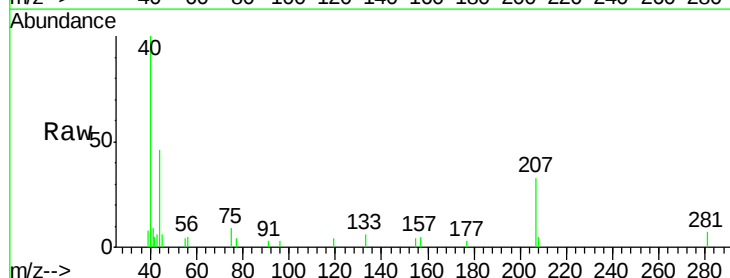
Tgt Ion: 75 Resp: 624

Ion Ratio Lower Upper

75 100

155 28.5 50.1 150.3#

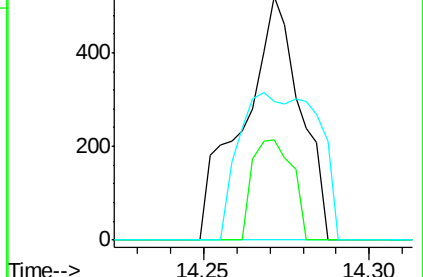
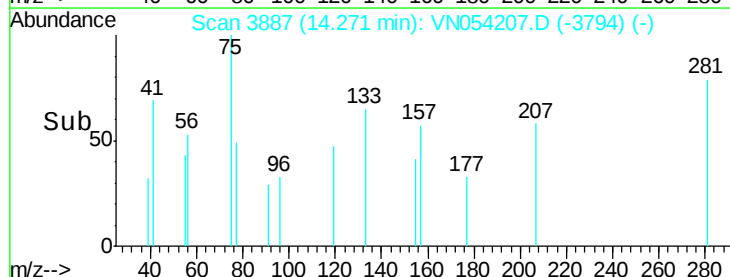
157 83.0 63.1 189.3

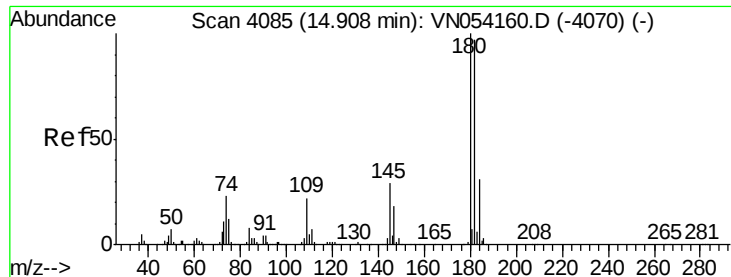


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

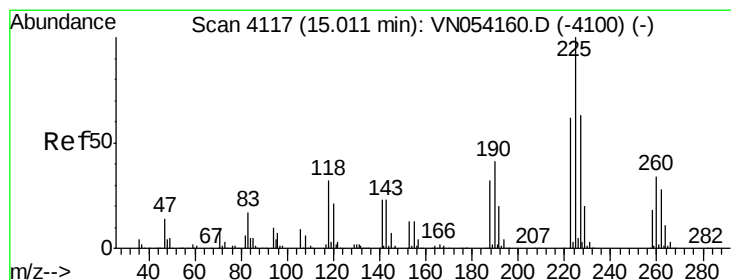
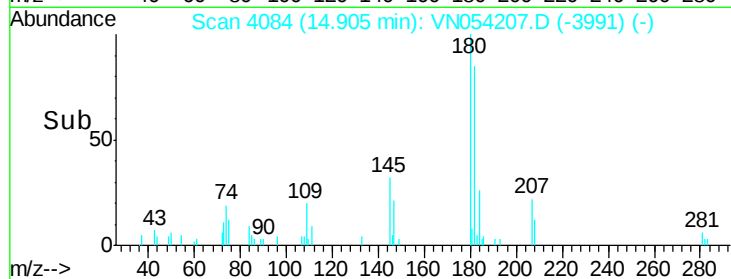
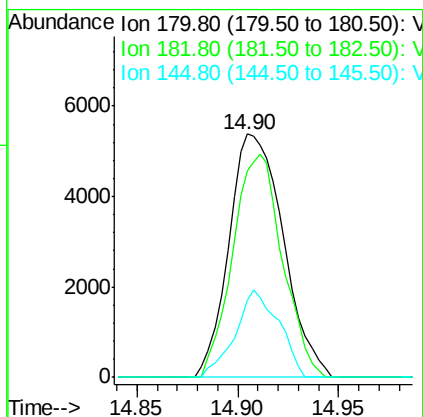
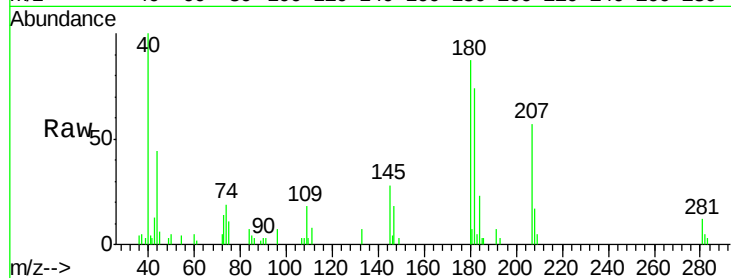




#93
 1,2,4-Trichlorobenzene
 Concen: 2.985 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN054207.D
 Acq: 13 Mar 2019 13:02

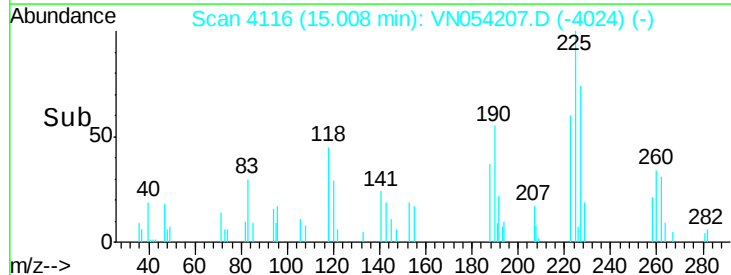
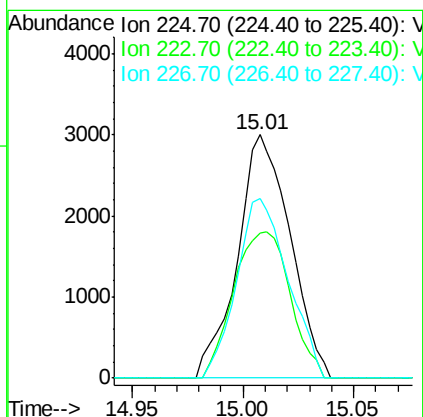
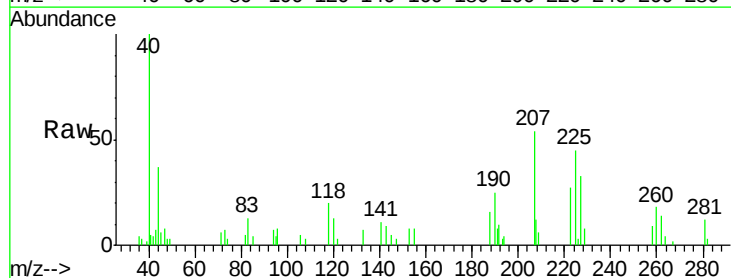
Instrument :
 MSVOA_N
 ClientSampled :

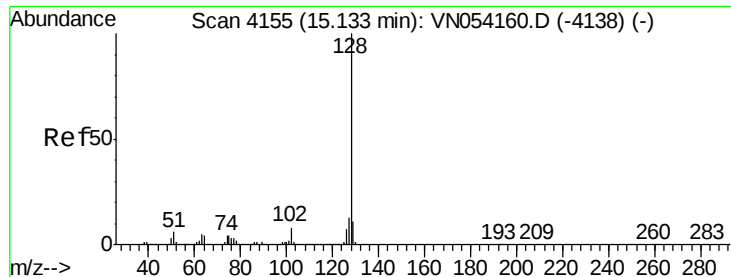
Tot Ion:180 Resp: 10112
 Ion Ratio Lower Upper
 180 100
 182 84.0 48.0 144.2
 145 28.9 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 0.385 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN054207.D
 Acq: 13 Mar 2019 13:02

Tgt Ion:225 Resp: 4974
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.1 93.5
 227 72.0 31.9 95.9





#95

Naphthalene

Concen: 4.102 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054207.D

Acq: 13 Mar 2019 13:02

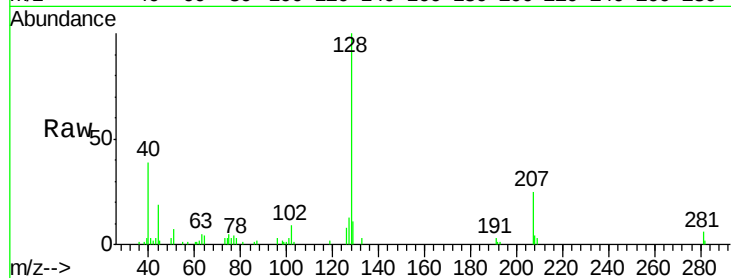
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:128 Resp: 28988

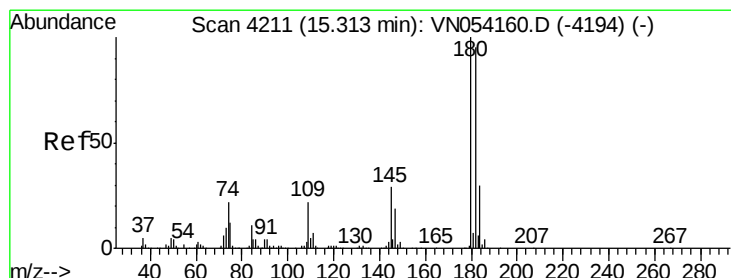
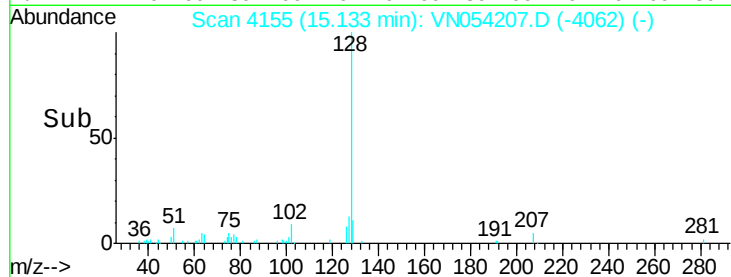
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.1	15.1
129	11.1	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.602 ug/l

RT: 15.31 min Scan# 4211

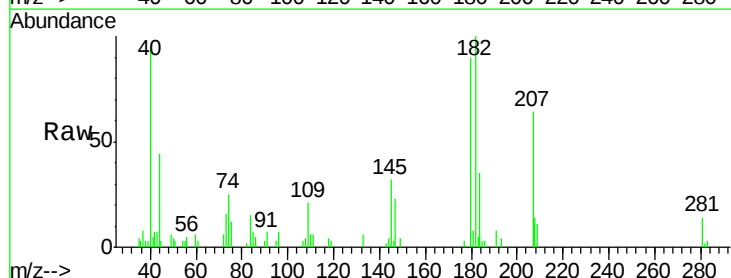
Delta R.T. 0.00 min

Lab File: VN054207.D

Acq: 13 Mar 2019 13:02

Tgt Ion:180 Resp: 10857

Ion	Ratio	Lower	Upper
180	100		
182	104.1	47.5	142.6
145	31.9	14.8	44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

